



**May 5, 2004**

**Regarding Application Number 10/654,310**

**OVRsite COVER™**

**Corrections made according to Confirmation No. 4380**

**Notice to File Corrected Application Papers**

**Corrections made: 1. Line spacing on**

**Specification,**

**Claims,**

**Abstract**

**Replacement Claims on single sheet**

**Replacement Abstract on single sheet**

**Additional fee of \$86.00 in check no. 1990 attached as instructed.**

**If any of this fee is to be returned, return monies to:**

**E. Jacquelyn Kirkis  
9041 E. Kenyon Drive  
Tucson, AZ. 85710**

Signed *E. Jacquelyn Kirkis* Date 5/5/04



SPECIFICATIONS      No pages 8

**DESCRIPTIVE TITLE OF INVENTION**

**OVERsite COVER** is exactly what the title says, a cover to place over the site, specifically at this time, the site of the smallpox vaccination.

**BACKGROUND OF INVENTION**

**OVRsite COVER™**

This invention relates to a cover to protect the forming wet pustule resulting from the administration of the vaccination for smallpox.

More particularly, this cover relates to the protection as being a non-crushable clear, vented cover, with holes or openings to allow the circulation of air to assist in drying the wet surface of the vaccination pustule; and secondly the protection of the site from touch by clothing, hands, or other mechanisms which could harm the healing area, yet allow the observation of the healing process without removing the protective cover; and thirdly a prevention method against the dissemination of the viral particles from the surface of the healing pustule.

Many types of bandages, and covers are available for the protection of wounds.

Wound wrappings of all types used as protection and to assist healing, have included moss, leaves, skins, cloth rags, coming to the formal sterilized gauze pads, cellulose packs, absorbent drainage pads, and the use of the synthetic polymer covers of the 21<sup>st</sup> century which are now provided by commercialized vendors.

The smallpox vaccination site has been covered traditionally with gauze pads, to prevent the touch by clothing or hands during the healing period. The marketing of the clear self adhering covers called Op-Cite™ or Tegaderm™ and others of similar synthetic polymers has been directed toward use over the smallpox vaccination site, as a dressing of choice.

Authorities such as the Centers for Disease and Prevention, Atlanta, GA. (CDC) and the Advisory Committee on Immunization Practice (ACIP) have published

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BACKGROUND

their recommendations for the type of dressing or cover to use over the healing site.

In these recommendations the traditional approach is maintained as gauze which is porous, to be removed daily for inspections, and the site is to be covered until the healed scab falls off the site. Gauze adheres to the wet and drying surface of the pustule which is pulled off each time the gauze dressing is removed, which would be daily. With such a dressing, the viral particles which are in the wet drainage, and on the surface of the open pustule, are at risk for becoming air borne into the immediate area, raising the risk of exposure to others. Some who have used the traditional dressings have had no problem with the forming scab being pulled off with the removal of the dressing. Others however have had the scab pulled off and the healing process continually retarded with daily removal of the cover.

In the decades of the 1920s until 1977, when smallpox vaccinations were routine, a cover similar to the OVRsite COVER™ was marketed with great success and very little problem with protection of the vaccination site. This cover had no patent nor copyright. The OVR site COVER™ is a redesign of this effective protection for the smallpox vaccination site.

The urgency of preparing for terrorists attacks using biologicals such as smallpox against a population, requires that all factors be considered, including the need for a simple, and effective, convenient, economical approach to handling vaccinated civilians and military.

There will be civilians caring for civilians. Changing of dressings on smallpox vaccination sites, daily, will create a burden for the health teams, a burden which will be delegated to those civilians. The use of a single dressing which can be kept in place, yet allows for the inspection of the site without removal of the dressing, and protects the site from touch even in the bath or shower, will relieve the untrained care giver or over seer who will have the responsibility. Such a dressing will be practical and desired.

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**BACKGROUND & STATEMENT OF FEDERAL SPONSORED R&D**

**It is the principle objective of the present invention, OVRsite COVER™, to provide the practical dressing which will meet the criteria of the oversight agencies with porosity, no touch, visual observation, protection of the vaccination site.**

**The present invention is recognized to be subject to many changes and modifications, without departing from the spirit or essential characteristics of the present invention, OVRsite COVER™, as set forth in the appended claim.**

**STATEMENT OF FEDERAL SPONSORED R & D**

**There has been no sponsorship of the research and development of this cover.**

**All research and development has been by the principle inventor who is a licensed healthcare provider with over 58 years of healthcare experience here in the United States and abroad, as a practitioner, professor, and administrator.**

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SUMMARY

**SUMMARY OF THE INVENTION**

**OVRsite COVER™**

**In accordance with the foregoing background description the invention, OVRsite COVER™, provides a unique protective dressing cover for the smallpox vaccination site. The cover is formed from non-crushable plastic in the shape of a small dome. The dome, with phalanges on each side, provides a method for which tape can secure the cover to protect the healing site of the vaccination, and the rising pustule. The dome is vented with holes or openings to allow air circulation. The dome is clear allowing for visual inspection of the pustule site.**

**The dome does not touch the healing pustule.**

**The domed, clear, non-crushable dressing is sized for adult, child, or infant.**

**The domed, clear, non-crushable dressing can be kept in place during bath or shower.**

**In some vaccinations there may be excessive exudate from the pustule, as the scab is forming.**

**The domed, clear, non-crushable dressing can be lifted at one side by releasing the tape over the phalange. The exudate is swabbed away by using sterile swabs, or sterile pads.**

**The domed cover is retaped in place, and healing of the scab is undisturbed.**